

# 10-Watt Powerhorn with Handheld Microphone

32-2038A

OWNER'S MANUAL — Please read before using this equipment.

Your RadioShack 10-Watt Powerhorn combines a high-efficiency trumpet horn speaker, a powerful compact solid-state amplifier, and a microphone with adjustable volume to provide crystal-clear sound. The Powerhorn is ideal for sporting events, tour groups, campouts, or anywhere you want to be heard.

Its features include:

**Rustproof, Water-Resistant Plastic Housing** — makes it ideal for use in all weather conditions.

**Lightweight Design with Shoulder Strap** — make it easy to carry.

**Detachable Microphone** — so you don't have to hold the entire Powerhorn's weight in your hand.

**Microphone with Volume Control** — lets you adjust the sound to the desired level and save battery power.

**Feedback Control** — lets you adjust the amplifier's volume to eliminate feedback problems indoors.

**Lock Bar** — lets you set the Powerhorn so you can speak for a long time without having to hold down the **TALK** bar.

**Built-In Siren** — provides a loud alarm sound.

## PREPARATION

### Installing Batteries

Your Powerhorn requires eight C batteries (not supplied) for power. For the best performance and longest life, we recommend RadioShack alkaline batteries.

#### Cautions:

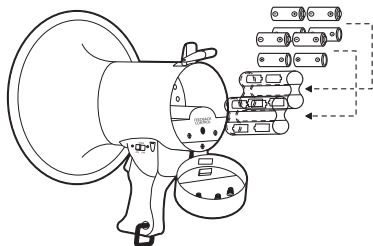
Use only fresh batteries of the required size and recommended type.

Do not mix old and new batteries (standard, alkaline, or rechargeable) or rechargeable batteries of different capacities.

Follow these steps to install the batteries.

**Note:** Be sure **SIREN** on the left side of the Powerhorn's handle is set to **OFF** to prevent the alarm from sounding.

1. Lift the battery compartment cover's latch and open the cover.
2. Lift out the two battery containers. Put four batteries in each container, as indicated by the diagrams on the containers.



3. Replace the battery containers in the compartment with the markings on the containers facing away from the handle.
4. Close the cover and secure the latch.

When the Powerhorn's sound weakens, replace the batteries.

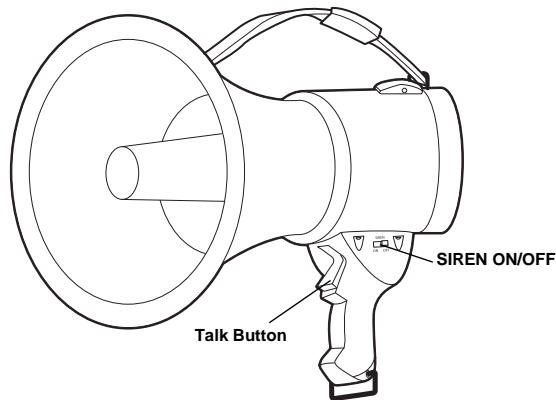
**Warning:** Dispose of old batteries promptly and properly. Do not burn or bury them.

**Caution:** If you do not plan to use the Powerhorn for several days, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.

## OPERATION

### Using the Powerhorn with the Microphone Mounted

Follow these steps to mount the microphone on the rear of the Powerhorn and operate the Powerhorn with just one hand.



1. Set **SIREN** on the left side of the handle to **OFF**.
2. Align the slot in the microphone's back with the mounting bracket on the battery compartment cover and slide the microphone onto the bracket.
3. Ensure the **TALK** bar on the left side of the microphone is not set to **LOCK**, since this disables the talk button on the Powerhorn's handle.
4. Firmly hold the Powerhorn and place the microphone about 5 inches from your mouth.
5. Press the talk button on the Powerhorn's handle and speak into the microphone. Release the talk button when you finish speaking.
6. Rotate **VOLUME** on the right side of the microphone toward **10** to increase, or toward **0** to decrease, the Powerhorn's volume.

**Note:** If feedback occurs, decrease the volume or adjust the **FEEDBACK CONTROL** (see "Using the Feedback Control" on Page 2).

# Using the Powerhorn Without the Microphone Mounted

When using the Powerhorn for an extended time, the shoulder strap can hold the Powerhorn and you can use the lightweight microphone to broadcast your message.

Follow these steps to use the Powerhorn without the microphone mounted.

1. Set **SIREN** on the left side of the handle to **OFF**.
2. Place the strap over your shoulder and adjust it as desired.
3. Place the microphone about 5 inches from your mouth and press the **TALK** bar on the left side of the microphone when you speak.
4. To speak continuously without having to press the **TALK** bar, slide it in the direction of the **LOCK** arrow until it clicks. Slide the bar to the opposite position to unlock it.
5. Rotate **VOLUME** on the right side of the microphone toward **10** to increase, or toward **0** to decrease, the Powerhorn's volume.

**Note:** If feedback occurs, move the microphone away from the front of the speaker, decrease the volume, or adjust the **FEEDBACK CONTROL** (see "Using the Feedback Control").

# Using the Siren

To turn on the siren, set **SIREN** to **ON**. To turn it off, set **SIREN** to **OFF**.

**Warning:** Do not point the Powerhorn directly at someone when you turn on the siren.

# Using the Feedback Control

If you experience feedback problems while using the Powerhorn indoors, open the battery compartment and use a small Phillips screwdriver to rotate the **FEEDBACK CONTROL** counterclockwise to reduce feedback.

**Note:** Adjusting **FEEDBACK CONTROL** to reduce feedback also reduces the volume. To increase the volume, rotate **FEEDBACK CONTROL** clockwise until the sound is audible without feedback. If you are unsure how to make this adjustment, take the Powerhorn to your local RadioShack store for assistance.

# CARE

Keep the powerhorn dry; if it gets wet, wipe it dry immediately. Use and store the powerhorn only in normal temperature environments. Handle the powerhorn carefully; do not drop it. Keep the powerhorn away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the powerhorn's internal components can cause a malfunction and might invalidate its warranty. If your powerhorn is not performing as it should, take it to your local RadioShack store for assistance.

# SPECIFICATIONS

Frequency Coverage .....	450 Hz–10 kHz
Power Source .....	8 C 1.5 V Batteries
Operating Voltage .....	12V
Power Rating .....	10 W (Maximum)
Impedance .....	Speaker: 8 Ohms Microphone: Low Impedance (condenser)
Current Drain .....	140 mA–250 mA
Drive Current .....	At Talk: 2.4A (Under); At Siren 4.0A (Under)
Output Level .....	Over 105 dB
Distance Range (Approximate) .....	1.6 Miles (2.57 km) (Quiet Suburban Area) 0.8 Miles (1.29 km) (City Area)
Dimensions (HWD) (Without Microphone Attached) .....	9 <sup>7</sup> / <sub>8</sub> × 13 × 9 Inches (25 × 33 × 22.7 cm)
Weight (with Batteries) .....	4.4 lbs (2.0 kg)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

## Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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